



PATENT

18/15  
J. H. Hanel  
2-21-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of

BOFFITO, et al.

Application No.: 08/675,969

Patent No.: 5,408,832

Filed: July 21, 1994

Issued: April 25, 1995

Reissue filed: July 5, 1996

For: THERMALLY INSULATING JACKET  
AND RELATED PROCESS

Group Art Unit: 3404

Examiner:

Atty. Docket No.: SAESP05

Date: February 7, 2001

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Signed:

Wanda Barton

SUPPLEMENTAL AMENDMENT

Commissioner for Patents  
**Box Reissue**  
Washington, D.C. 20231

Sir:

In accordance with the Quayle action mailed August 22nd, 2001, and for which a 4 month extension has been paid, please underline claims 24 and 25, added in a previous reissue amendment, as follows:

Claim 24. A thermal insulation jacket, comprising:

an inner wall and an outer wall that define an inner space that can be evacuated so as to form a vacuum;

an insulating material filling the inner space between the inner and outer walls;

the inner space including a getter that is able to absorb both water vapor and at least a second type of gas or vapor from the inner space;

the inner space also including a water sorbing material for sorbing the water vapor;

a container for the getter and water sorbing material positioned in the inner space, the container being divided into inner and outer zones and being made of a material that is water free;

the getter being positioned in the inner zone of the container and the water absorber filling the outer zone of the container; and

the outer zone of the container communicating with both the inner space and with the inner zone of the container and the inner zone of the container communicating with only the outer zone of the container so that the water absorber prevents water vapor in the inner space from reaching the getter.

Claim 25. A method for producing a thermally insulating jacket, comprising:

evacuating an inner space defined by inner and outer walls to form a vacuum;

filling an inner space of the jacket with insulating material, the inner space being defined by an inner wall and an outer wall;

providing for absorbing both water vapor and at least a second type of gas or vapor from the inner space with a getter;

providing for sorbing water vapor with a water sorbing material;

positioning the getter and water sorbing material in the inner space in a container that is impervious to water vapor;

subdividing the container into an inner zone and an outer zone, the getter being positioned in the inner zone of the container and the water absorber filling the outer zone of the container;

placing the outer zone of the container in communication with both the inner space and the inner zone of the container, and placing the inner zone of the container in communication with only the outer zone of the container so that the water absorber in the outer zone prevents the water vapor from reaching the getter;

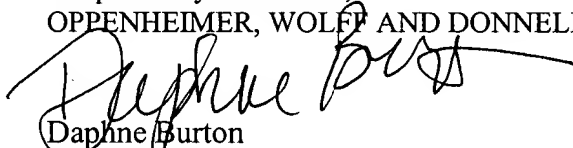
evacuating the inner space to a predetermined level of pressure; and

sealing the inner space with the container therein so that the water sorber continues sorbing the water vapor and the getter continues absorbing the second gas or vapor.

### Remarks

In the August 22st, 2000 Quayle action, applicant was requested to underline claims 24 and 25. The above amendment performs this, but otherwise leaves the claims unchanged from the previous amendment.

Respectfully submitted,  
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